

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| S1 | 2 | "20060236812" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/03/31 16:13 |
| S2 | 8 | (5215571 4661152 4830667 4830667 5180423).pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 08:35 |
| S3 | 19 | (5215571 4661152 4830667 4830667 5180423) not (5215571 4661152 4830667 4830667 5180423).pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 08:36 |
| S4 | 65 | Refractory Intellectual Property.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 08:41 |
| S5 | 8 | (Andreas near2 Filzwieser).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 08:42 |
| S6 | 45 | (Stefan near2 Wallner).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 08:42 |
| S7 | 30 | ("3666440" "3968956" "4045215" "4073646" "4435211" "4469513" "4614542" "4699656" "4783219" "4830667" "5007959").PN. OR ("4661152" "4830667" "5180423" "5215571").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/02 09:51 |
| S8 | 38 | S2 or S3 or S7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 10:11 |

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| S9 | 112 | (S4 or S5 or S6) not S8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 10:11 |
| S10 | 2 | WO "9941420" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 10:29 |
| S11 | 1 | SU "1518399" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 10:31 |
| S12 | 2 | JP "59205428" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 10:32 |
| S13 | 2 | US "3619177" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 10:33 |
| S14 | 24 | (3868248 5449395 5607495 6403043 6210463 5435833) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:09 |
| S15 | 8 | (5215571 4661152 4830667 4830667 5180423).pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S16 | 19 | (5215571 4661152 4830667 4830667 5180423) not (5215571 4661152 4830667 4830667 5180423).pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S17 | 65 | Refractory Intellectual Property.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |

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| S18 | 8 | (Andreas near2 Filzwieser).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S19 | 45 | (Stefan near2 Wallner).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S20 | 30 | ("3666440" "3968956" "4045215" "4073646" "4435211" "4469513" "4614542" "4699656" "4783219" "4830667" "5007959").PN. OR ("4661152" "4830667" "5180423" "5215571").URFN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/02 11:25 |
| S21 | 38 | S15 or S16 or S20 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S22 | 112 | (S17 or S18 or S19) not S21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S23 | 45 | (Stefan near2 Wallner).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S24 | 8 | (Andreas near2 Filzwieser).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S25 | 65 | Refractory Intellectual Property.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S26 | 19 | (5215571 4661152 4830667 4830667 5180423) not (5215571 4661152 4830667 4830667 5180423).pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |

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| S27 | 8 | (5215571 4661152 4830667 4830667 5180423).pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S28 | 2 | "20060236812" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:25 |
| S29 | 167 | S14 or S15 or S16 or S17 or S18 or S19 or S21 or S23 or S24 or S25 or S26 or S27 or S27 or S28 or S22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:26 |
| S30 | 95 | 75/649.ccls. not S29 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:27 |
| S31 | 155 | 75/648,650.ccls. not (S29 or S30) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:39 |
| S32 | 908 | 75/638,640,641,643,645,645.ccls. not (S29 or S30 or S31) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:45 |
| S33 | 260 | 75/638,640,641,643,645,645.ccls. not (S29 or S30 or S31) and (oxygen or inert or nitrogen or helium or noble gas or argon or krypton) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:46 |
| S34 | 124 | 75/638,640,641,643,645,645.ccls. not (S29 or S30 or S31) and (oxygen or inert or nitrogen or helium or noble gas or argon or krypton) same (converter or conversion) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 11:50 |
| S35 | 1325 | S34 or S33 or S32 or S31 or S30 or S29 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:04 |

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|-----|------|---|---|-----|----|---------------------|
| S36 | 4290 | 266/201,205,216,217-226,227,228.ccls. not S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:05 |
| S37 | 91 | S36 and copper same (conversion or converter or converting or blister) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:19 |
| S38 | 1416 | S35 or S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:23 |
| S39 | 72 | 423/47.ccls. not S38 and copper | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:24 |
| S40 | 36 | 423/47.ccls. not S38 and copper and (conversion or converter or convert) same (air or oxygen or inert or noble or gas) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:24 |
| S41 | 1452 | S40 or S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:25 |
| S42 | 1832 | C22B015/\$4.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:27 |
| S43 | 610 | C22B009/05.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:27 |
| S44 | 3465 | m25-G08\$2 | DERWENT | ADJ | ON | 2008/04/02 12:28 |
| S45 | 3742 | M25-C\$4 | DERWENT | ADJ | ON | 2008/04/02 12:28 |
| S46 | 809 | M25-E02\$2 | DERWENT | ADJ | ON | 2008/04/02 12:28 |

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| S47 | 459 | ((S42 or S44) and (S43 or S45)) not S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:29 |
| S48 | 127 | ((S42 or S44) and (S43 or S45)) not S41 and (conversion or converter or converting) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 12:36 |
| S49 | 2 | "20020033566" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:12 |
| S50 | 1579 | S48 or S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:13 |
| S51 | 48 | (C22B015/06.ipc. or C22B015/014.ipc.) and (oxygen or O2 or "O.sub.2" or inert or gas) near20 (inject\$4 or blow\$4 or bubbl\$6 or circulat\$4 or flush\$4) and copper and (converter or conversion or converting) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:15 |
| S52 | 26 | S51 not S50 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:15 |
| S53 | 120 | porous near3 plug and copper and (oxygen or O2 or "O.sub.2" or inert or noble or gas) near20 (inject\$4 or blow\$4 or bubbl\$4 or circulat\$4 or flush\$4) and (converter or conversion or converting) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:27 |
| S54 | 36 | (porous near3 plug) and copper same (converter or conversion or converting) and (oxygen or O2 or "O.sub.2" or inert or noble or gas) near20 (inject\$4 or blow \$4 or bubbl\$4 or circulat\$4 or flush\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:28 |
| S55 | 651 | kennecott.as. or inco.as. and copper same (convert or conversion or converting) and (oxygen or O2 or "O. sub.2") and (inert or noble) adj2 gas | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:30 |

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|-----|-----|---|---|-----|----|---------------------|
| S56 | 124 | copper near10 (convert or conversion or converting) and ((oxygen or O2 or "O. sub.2") and (inert or noble) adj2 gas) near20 (tuyere or porous adj2 plug or inject\$4 or blow\$4 or flow\$4 or introduc \$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:31 |
| S57 | 101 | S56 not (S54 or S52 or S50) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 13:32 |
| S58 | 10 | "4544141" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 16:41 |
| S59 | 2 | ((Phillip or Philip) near2 Mackey).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 16:48 |
| S60 | 25 | ((US-20060119019-\$ or US-20020033566-\$).did. or (US-5215571-\$ or US-4830667-\$ or US-4661152-\$ or US-5180423-\$ or US-5194213-\$ or US-5449395-\$ or US-5853657-\$ or US-5888270-\$ or US-6042632-\$ or US-6403043-\$ or US-4045215-\$ or US-4469513-\$ or US-6210463-\$ or US-5435833-\$ or US-5849061-\$ or US-6270554-\$ or US-4251271-\$ or US-4336064-\$ or US-5423900-\$ or US-6231641-\$ or US-4544141-\$).did. or (WO-2007109822-\$).did. or (US-5449395-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/02 17:43 |
| S61 | 12 | S60 and ("Cu.sub.2" or copper (sulfide or suphide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/02 17:43 |
| S62 | 25 | ((US-20060119019-\$ or US-20020033566-\$).did. or (US-5215571-\$ or US-4830667-\$ or US-4661152-\$ or US-5180423-\$ or US-5194213-\$ or US-5449395-\$ or US-5853657-\$ or US-5888270-\$ or US-6042632-\$ or US-6403043-\$ or US-4045215-\$ or US-4469513-\$ or US-6210463-\$ or US-5435833-\$ or US-5849061-\$ or US-6270554-\$ or US-4251271-\$ or US-4336064-\$ or US-5423900-\$ or US-6231641-\$ or US-4544141-\$).did. or (WO-2007109822-\$).did. or (US-5449395-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 11:37 |

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| S63 | 14 | S62 and (vary or varied or varying or adjust or adjusted or adjusting or select or selected or selecting) near10 (pressure or gas or ratio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/03 11:38 |
| S64 | 191 | copper and (lance or tuyere) same (blow \$4 or push\$4 or forc\$4 or mov\$4) near10 slag | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 12:47 |
| S65 | 0 | copper and (blow\$4 or push\$4 or forc\$4 or mov\$4) near10 slag and 210/767.ccls. | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 12:48 |
| S66 | 1249 | 210/767.ccls. | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 12:48 |
| S67 | 5 | copper and (blow\$4 or push\$4 or forc\$4 or mov\$4) near10 slag and "210".clas. | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 12:49 |
| S68 | 824 | C22B015/\$4.ipc. | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 12:50 |
| S69 | 710 | copper and (blow\$4 or push\$4 or forc\$4 or mov\$4) near10 slag | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 12:51 |
| S70 | 90 | S68 and S69 | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 12:51 |
| S71 | 2 | "5346531" | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 13:01 |
| S72 | 26 | (slag near2 (separat\$4 or skim\$5)) near5 (move or moving or moved or push or pushed or pushing or forc\$4 or blow\$4 near5 (lance or tuyere)) and "266".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/03 13:05 |
| S73 | 1 | CA "1015943" | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/04/03 13:19 |
| S74 | 3 | "5360204" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/03 13:24 |
| S75 | 4 | ("3761242" "4517015").PN. OR ("5360204").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/03 13:25 |

4/ 3/ 2008 2:16:36 PM

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